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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

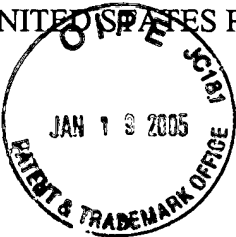
ROSSON et al.

Serial No.: 10/755087

Filed: January 9, 2004

Atty. File No.: 3161-20-C1-1

For: "LINOLEATE ISOMERASE"



) Group Art Unit: 1652

) Examiner: Steadman, D.

INFORMATION  
DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING
I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO THE COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 ON 1/13/05
BY: <i>Sheridan Ross</i> SHERIDAN ROSS P.C.

Dear Sir:

The references cited on attached Form PTO-1449 are being called to the attention of the Examiner.

☐ Copies of the cited non-patent and/or foreign references are enclosed herewith.

☐ Copies of the cited U.S. patents and/or patent applications are enclosed herewith.

☐ Copies of the cited U.S. patents/patent application publications are not enclosed in accordance with the waiver dated July 11, 2003, whereby patent applications filed after June 30, 2003 and international applications that have entered the national stage under 35 U.S.C. § 371 after June 30, 2003 need not submit copies of U.S. patents and U.S. patent application publications.

☒ Copies of the cited references are not enclosed, in accordance with 37 CFR 1.98(d), because the references were cited by or submitted to the U.S. Patent and Trademark Office in prior application Serial No. 09/561,077, filed April 28, 2000, which is relied upon for an earlier filing date under 35 U.S.C. § 120.

☐ To the best of applicants' belief, the pertinence of the foreign-language references are believed to be summarized in the attached English abstracts and in the figures, although applicants do not necessarily vouch for the accuracy of the translation.

☐ Examiner's attention is drawn to the following co-pending applications, copies of which have been or are being submitted:

Serial No. \_\_\_\_\_ filed \_\_\_\_\_

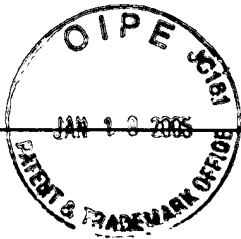
☐ Other: \_\_\_\_\_

Submission of the above information is not intended as an admission that any item is citable under the statutes or rules to support a rejection, that any item disclosed represents analogous art, or that those skilled in the art would refer to or recognize the pertinence of any reference without the benefit of hindsight, nor should an inference be drawn as to the pertinence of the references based on the order in which they are presented. Submission of this statement should not be taken as an indication that a search has been conducted, or that no better art exists.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application and the references made of record therein.

### FEES

<input checked="" type="checkbox"/>	<p><b>37 CFR 1.97(b):</b> No fee is believed due in connection with this submission, because the information disclosure statement submitted herewith is satisfies one of the following conditions ("X" indicates satisfaction):</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d), or</li> <li><input type="checkbox"/> Within three months of the date of entry into the national stage of an international application as set forth in 37 CFR 1.491 or</li> <li><input checked="" type="checkbox"/> Before the mailing date of a first Office Action on the merits, or</li> <li><input type="checkbox"/> Before the mailing of a first Office action after the filing of a request for continued examination under 37 CFR 1.114.</li> </ul> <p>Although no fee is believed due, if any fee is deemed due in connection with this submission, please charge such fee to Deposit Account 19-1970.</p>
<input type="checkbox"/>	<p><b>37 CFR 1.97(e):</b> The information disclosure statement transmitted herewith is being filed after all the above conditions (37 CFR 1.97(b)), but before the mailing date of one of the following conditions:</p> <ul style="list-style-type: none"> <li>(1) a final action under 37 CFR 1.113 or</li> <li>(2) a notice of allowance under 37 CFR 1.311, or</li> <li>(3) an action that otherwise closes prosecution in the application.</li> </ul> <p>This Information Disclosure Statement is accompanied by:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> A Certification (below) as specified by 37 CFR 1.97(e). Although no fee is believed due, if any fee is deemed due in connection with this submission, please charge such fee to Deposit Account 19-1970.</li> </ul> <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Please charge Deposit Account 19-1970 in the amount of \$180.00 for the fee set forth in 37 CFR 1.17(p) for submission of an information disclosure statement. Please credit any overpayment or charge any underpayment to Deposit Account 19-1970.</li> </ul>
<input type="checkbox"/>	<p><b>37 CFR 1.97(d):</b> This Information Disclosure Statement is being submitted after the period specified in 37 CFR 1.97(c).</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> This information Disclosure Statement includes a Certification (below) as specified by 37 CFR 1.97(e)</li> </ul> <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Applicants hereby requests consideration of the reference(s) disclosed herein. Please charge Deposit Account 19-1970 in the amount of \$180.00 under 37 CFR 1.17(p). Please credit any overpayment or charge any underpayment to Deposit Account 19-1970. Election to pay the fee should not be taken as an indication that applicant(s) cannot execute a certification.</li> </ul>



**Certification (37 CFR 1.97(e))**  
(Applicable only if checked)

☐ The undersigned certifies that:

☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 CFR 1.97(e)(1).

☐ A copy of the communication from the foreign patent office is enclosed.

OR

☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this statement. 37 CFR 1.97(e)(2).

Respectfully submitted,

SHERIDAN ROSS P.C.

By: \_\_\_\_\_

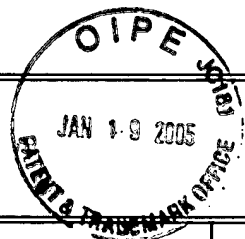
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Date: \_\_\_\_\_

*January 13, 2004*

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 3161-20-C1-1	SERIAL NO. 10/766,087
	APPLICANT ROSSON et al.	
	FILING DATE January 9, 2004	GROUP ART



## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
	1	5,856,149	1/5/99	Pariza et al.	435	134	
	2	6,015,833	1/18/00	Sæbø et al.	514	558	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	3	WO 96/38137	1996	PCT				
	4	WO 99/29886	1999	PCT				

## OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

5	Burgess et al., <i>Lipids</i> , 26(2):162-165 (1991)
6	Chibata, 1978, <i>Immobilized Enzymes</i> , pp. 73-81, Halsted Press, Japan
7	Eyssen et al., <i>Amer. J. Clin. Nutrition</i> , 27:1329-1340 (1974)
8	Eyssen et al., <i>Applied and Environmental Microbiol.</i> , 47(1):39-43 (1984)
9	Faber, Ch 3. <i>Special Techniques</i> , pp. 270-340. In (ed.), <i>Biotransformations in organic chemistry</i> (1995)
10	Fujimoto et al., <i>Bioscience and Biotechnology Biochemistry</i> , 57(6):1026-1027 (1993)
11	Fukui et al., <i>Endeavour, New Series</i> , 9(1):10-17 (1985)
12	Garcia et al., <i>Biochimica et Biophysica Acta</i> , 424:296-302 (1976)
13	Giesel-Bühler et al., 1986, The anaerobic transformation of linoleic acid by <i>Acetobacterium woodii</i> . International Symposium – Biocatalysis in organic media. Wageningen, The Netherlands. Elsevier Science Publishers B.V.
14	Hamberg, <i>Biochem. and Biophys. Res. Comm.</i> , 188(3):1220-1227 (1992)
15	Hart et al., <i>J. Virol.</i> , 70:3606-3616 (1996)
16	Hughes et al., <i>J. Biological Chemistry</i> , 257(7):3643-3649 (1982)
17	Hunter et al., <i>J. Biological Chemistry</i> , 251(8):2241-2247 (1976)

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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18	Jack et al., <i>Clinica Chimica Acta</i> , <b>224</b> :139-146 (1994)
19	Jiang et al., <i>J. Applied Microbiology</i> , <b>85</b> :95-102 (1998)
20	Kemp et al., <i>J. General Microbiology</i> , <b>130</b> :527-533 (1984)
21	Kemp et al., <i>British J. Nutrition</i> , <b>52</b> :165-170 (1984)
22	Kemp et al., <i>British J. Nutrition</i> , <b>52</b> :171-177 (1984)
23	Kemp et al., <i>J. General Microbiology</i> , <b>90</b> :100-114 (1975)
24	Kepler et al., <i>J. Biological Chemistry</i> , <b>242</b> (24):5686-5692 (1967)
25	Kepler et al., <i>Methods in Enzymology</i> , <b>14</b> :105-110 (1969)
26	Kepler et al., <i>J. Biological Chemistry</i> , <b>241</b> (6):1350-1354 (1966)
27	Kepler et al., <i>J. Biological Chemistry</i> , <b>245</b> (14):3612-3620 (1970)
28	Kepler et al., <i>J. Biological Chemistry</i> , <b>246</b> (9):2765-2771 (1971)
29	Kil et al., <i>Infect. Immun.</i> , <b>62</b> :2440-2449 (sequence search) (1994)
30	Klein et al., 1983, Immobilized Microbial Cells, Vol. 4, pp. 11-51, "Methods for the Immobilization of Microbial Cells", In Wingard & Katchalski-Katzir (eds.) Academic Press
31	Koritale et al., <i>Applied Microbiology and Biotechnology</i> , <b>32</b> :299-304 (1989)
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33	Lilly, <i>Chemical Engineering Science</i> , <b>49</b> (2):151-159 (1994)
34	Mills et al., <i>Australian J. of Biological Sciences</i> , <b>23</b> :1109-1113 (1970)
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36	Mortimer et al., <i>J. Biological Chemistry</i> , <b>249</b> (9):2833-2842 (1974)
37	Niehaus, "Mechanisms of cis-trans isomerization of unsaturated fatty acids, pp. 229-245, In E.E. van Tamelen (ed.) <i>Bioorganic Chemistry</i> , Academic Press, New York
38	Niehaus et al., <i>J. Bacteriology</i> , <b>134</b> (1):177-183 (1978)
39	Niehaus et al., <i>J. Biological Chemistry</i> , <b>245</b> (15):3790-3797 (1970)
40	Niehaus et al., <i>J. Biological Chemistry</i> , <b>245</b> (15):3802-3809 (1970)
41	Park et al., <i>J. Food Sci. and Nutr.</i> , <b>1</b> (2):244-251 (1996)
42	Polan et al., <i>J. Bacteriology</i> , <b>88</b> (4):1056-1064 (1964)
43	Powell, 1996, Chapter 2.14 - Immobilized Enzymes, pp. 267-272, In T. Godfrey and S. West (ed.), <i>Industrial Enzymology</i> . The Nature Press, New York
44	Sako et al., <i>Nucleic Acids Res.</i> , <b>11</b> :7679-7693 (sequence search) (1983)

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45	Schwab et al., <i>Chemical Reviews</i> , 90:1203-1245 (1990)
46	Seltzer, 1972, <i>Cis-Trans Isomerization</i> , pp. 381-406, In P.D. Boyer (ed.), <i>The Enzymes</i> , Academic Press, New York
47	Seo et al., <i>Agricultural Biological Chemistry</i> , 45(9):2025-2030 (1981)
48	Steiner et al., <i>Can. J. Microbiol.</i> , 43:315-321 (1997)
49	Swaigood, 1985, Chapter 1 – Enzymes and Immobilized Cells in Biotechnology, pp. 1-24, In Allen I. Laskin (ed.), <i>New Jersey Center for Advanced Biotechnology and Medicine</i> , New Jersey
50	Tulloch, <i>Lipids</i> , 17:544-550 (1982)
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58	Verhulst et al., <i>FEMS Microbiology Ecology</i> , 31:255-259 (1985)
59	Wise et al., <i>Biochemistry</i> , 36(10):2985-2992 (1998)
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61	Yang, "Isolation, identification and characterization of linoleate isomerase from <i>Lactobacillus reuteri</i> " (1997) 180 pp., UMI Order No. DA9823268,
62	Yamazaki et al., <i>J. Biological Chemistry</i> , 254(10):3812-3817 (1979)

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